Actifio 10.0.5 Hotfix Rollup Release Notes

This document includes release notes for Actifio AGM, VDP, Resiliency Director, Sky, and hardware products.

September 2023 HR Release

September 2023 Files

Actifio VDP: rollup-CDS10.0.5.3107-Sep-14-2023.gpg
Actifio Global Manager: patch-AGM-actifio.10.0.5.6845.gpg
Actifio Resiliency Director: patch-RD-actifio.10.0.5.1778.gpg

September 2023 Announcements

ANNOUNCEMENT	Version 10.0.4 reached End-of-Support on Jun 30, 2023.

September 2023 New Features

Feature	Actifio VDP 10.0.5 now supports Oracle 21c and Microsoft SQL Server 2022.

Feature	CBT support for SLES 15 SP4 kernel 5.14.21-150400.22-default

September 2023 Changes

CHANGE	220262465
Change	The option to select a target datastore for each VMDK has been removed from the Restore and Clone page for VMware VMs.
Reason	Restores and clone operations for VMware VMs can only support selection of the target datastore at the VM level.

September 2023 Resolved Issues

Fixed	202808878
Issue	Hot fix rollup update installation screen disappears while update is still in process.
Fix	The "Installing update hf-<name>" screen now stays visible until the update process is finished for all hot fixes.

Fixed	213233463
Issue	Report Manager reportconsumption report may fail with a timeout error.
Fix	The timeout setting has been increased to 5 minutes.

Fixed	273857345
Issue	Migrate on the secondary node of MS-SQL AAG 2022 fails with error message "Backup and restore is not allowed on replica node".
Fix	This has been fixed.

Fixed	294167223
Issue	Upgrading the connector may change permissions for /act/cbt/module
Fix	This has been fixed.

Fixed	297548567
Issue	We incorrectly charge MDL for deleted applications that have only OnVault images
Fix	This has been fixed.

September 2023 Known Issues

ISSUE	291559986
Issue	The CLI filtervalue `issuedate:` works incorrectly if you escape the & with a backslash.
Workaround	When using multiple filters, use &, not \&. Remove the \ character.

September 2023 Fixed Security Vulnerabilities

Security	264226254
AGM/Sky	CESA-2023:0399 Centos Security advisory for bpftool CESA-2023:1091 Centos Security advisory for bpftool CVE-2008-0732 CVE-2023-41080(6.1)
AGM/Sky	grpc-core-1.56.0.jar: CVE-2023-33953(7.5)

(OWASP)	grpc-protobuf-1.56.0.jar: CVE-2023-33953(7.5) grpc-alts-1.56.0.jar: CVE-2023-33953(7.5) grpc-context-1.56.0.jar: CVE-2023-33953(7.5)	
RD	CVE-2023-28709 CVE-2022-3517	

July 2023 HR Release

July 2023 Files

Actifio VDP: rollup-CDS10.0.5.3065-Jul-13-2023.gpg
Actifio Global Manager: patch-AGM-actifio.10.0.5.6836.gpg
Actifio Resiliency Director: patch-RD-actifio.10.0.5.1699.gpg

July 2023 Announcements

ANNOUNCEMENT	Actifio GO reached end of support life on June 30, 2023. Contact support to migrate to Google Cloud Backup and DR service as soon as possible.

July 2023 New Features

Feature	**266046466**
	An SNMP alert is now generated if the PostgreSQL database in the Actifio appliance goes down.

Feature	**232997474** **280033401**
	An SNMP alert is now generated if filesystems reach the threshold value in AGM.

July 2023 Resolved Issues

Fixed	267461633
Issue	The migration script ACT_SYBASE_lvm_migrate_newTarget.sh fails if the LANG environment variable is set to POSIX.
Fix	The migration script ACT_SYBASE_lvm_migrate_newTarget.sh will execute successfully even if the LANG environment variable is set to POSIX.

Fixed	272510158
Issue	[RM] In some cases, creation of a real-time report schedule resulted in the error *Null parameter passed in parameterArray*
Fix	This has been fixed.

Fixed	192417677
Issue	PD Snapshot mount panel in 10.0.4 includes a dropdown that allows you to select an invalid project.
Fix	The confusing dropdown has been removed.

Fixed	259879550
Issue	In very rare cases, RM data sync with the Actifio appliance could hang while waiting for response.
Fix	The RM-appliance data sync process has been improved to prevent this.

Fixed	265910772
Issue	Unable to bulk export RM reports and report definitions, with error *Export failed. The server has encountered an unexpected error*.
Fix	The bulk export option was unintentionally visible, but was never implemented or supported. To export a report or its definition, use right-click on the reports in the repository and choose Export.

Fixed	269750865
Issue	Import of a few apps from OnVault pool from a Sky appliance into another Sky actually imports all the apps in the pool.
Fix	This has been fixed.

Fixed	263241491
Issue	ESP (Disk Mapping Test) Failing When Storage Pool name has space.
Fix	Spaces in external storage array pool names are not supported,

Fixed	287170203
Issue	ESP iSCSI mapping for fc- disks during backup could impact performance
Fix	Cleanup of ESP iSCSI mapping for fc- disks has been improved.

Fixed	228560947
Issue	PostgreSQL recovery duration is time-limited
Fix	PostgreSQL recovery duration is no longer time-limited.

Fixed	283179358
Issue	PostgreSQL app-aware mount reports success but db can't be accessed
Fix	This has been fixed.

Fixed	283379545, 283046100
Issue	Backup is inconsistent and migration script fails to start PostgreSQL if pg_wal is a soft-link

Fixed	**283379545, 283046100**
Fix	This has been fixed.

Fixed	**275672662**
Issue	CBT activation fails on SLES15SP4 OS
Fix	CBT support for SLES 15.4 now is subject to this kernel denylist: • 5.3.18-150200.24.120.1 • 5.3.18-59.30.1 • 5.3.18-150300.59.81.1 • 5.14.21-150400.24.49.3

Fixed	**286218149**
Issue	Cannot add new appliances to Report Manager on heavily loaded systems
Fix	This has been fixed.

Fixed	**272449929**
Issue	AGM's web server should not support weak cipher suites.
Fix	AGM server no longer supports these CBC weak cipher suites: • TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256 (secp256r1) • TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA (secp256r1) • TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 (secp256r1) • TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA (secp256r1) • TLS_DHE_RSA_WITH_AES_128_CBC_SHA256 (dh 2048) • TLS_DHE_RSA_WITH_AES_128_CBC_SHA (dh 2048) • TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 (dh 2048) • TLS_DHE_RSA_WITH_AES_256_CBC_SHA (dh 2048)

Fixed	**270623349**
Issue	SQL server database backups are not incremental when SQL Server paths contain double slashes

Fixed	**270623349**
Fix	This has been fixed.

Fixed	**275026383**
Issue	After the updating AGM to 10.0.5, some image expiration buttons are not available
Fix	Starting in 10.0.5, the user must have the "Expiration Manage" right before the AGM will enable the "Manage Expirations" button.

Fixed	**284134625**
Issue	SP5: Recoveries using the VMware to GCE conversion process fails for shared VPC configuration with error `invalid project details for project/region`
Fix	Recovery into shared VPCs is now successful

Fixed	**284431153**
Issue	Disk Mapping is failing in case of multiple hosts in the same request.
Fix	This has been fixed.

Fixed	**278707379**
Issue	Cannot add 10.0.4 Sky to 10.0.5 AGM
Fix	10.0.4 is out of support. Update any Actifio appliances to 10.0.5. Google Support can help.

Fixed	286989753
Issue	Customer unable to run Backup Job Details report with show summary option selected
Fix	This has been fixed.

Fixed	283045839
Issue	PostgreSQL backup not protecting all the LVMs of the database
Fix	All LVMs are now protected properly.

Fixed	283379235
Issue	PostgreSQL Mount and Migrate should not fail script if the disks are auto-mounted after vgmerge
Fix	This has been fixed.

Fixed	274656648
Issue	AGM upgrades sometimes fail with a message about not running the right kernel
Fix	This has been fixed.

Fixed	278050582
Issue	Three RM reports were experiencing errors: - Disk pool utilization history - Environment summary report - Overall Appliance Summary
Fix	These have been fixed.

Fixed	229307374
Issue	GCE VM backup took around 2 hours time due to a backlog at copying metadata to OnVault
Fix	Bulk copying of metadata has been greatly increased.

July 2023 Fixed Issues for Pre-Acquisition Actifio Deployments

These issues are only relevant for the handful of customers that have not yet migrated to Google consumption-based billing.

Fixed	280422581
Issue	On Actifio CDS appliances, you may see alert `NTP is not enabled`
Fix	This alert is not relevant to CDS appliances. It has been removed.

Fixed	286043996
Issue	SP5 MHR failed to apply one module's update on CDX
Fix	Subsequent MHRs will correctly install this module's update.

Fixed	274651835
Issue	The catalog database fails to start up after upgrading to AGM 10.0.5
Fix	This has been fixed.

Fixed	279538970
Issue	Catalog services should be stopped if not configured
Fix	Added two new CLI commands: Read the flag value (by default, catalog feature is enabled)

Fixed	279538970
	`udsinfo getparameter -param enable.catalog.configuration` Set the flag value `udstask setparameter -param enable.catalog.configuration -value true` (or false)

Fixed	258799517
Issue	Discovery of over 1500 Hyper-V VMs takes a long time
Fix	The Hyper-V discovery process has been significantly accelerated.

Fixed	271560899
Issue	[CDX appliance only] A CDX appliance may fail over suddenly, alerting that Fiber link is down. This is due to a kernel panic by OCS driver.
Fix	A new OCS driver has fixed the problem.

Fixed	269252727
Issue	[CDX appliance update only]: Some update failures have no useful error messages.
Fix	Most CDX appliance update failures now have useful error messages.

Fixed	276836245
Issue	RD SP5: Reset is failing for a few applications on Traditional and Solo
Fix	This has been fixed.

July 2023 Fixed Security Vulnerabilities

Security	264226254
Issue	RM-CVE Security Vulnerability on postgresql-42.4.1 and postgresql-42.5.0
Fix	CVE-2022-41946

Security	275720361
Issue	Vulnerability on commons-fileupload-1.4.jar
Fix	CVE-2023-24998

Security	275499038
Issue	RM CVE-2021-37533 on commons-net-3.3
Fix	CVE-2021-37533

Security	274548388
Issue	Tomcat Vulnerability
Fix	CVE-2023-24998

Security	277298885
Issue	RD Sp5 : 3rd party security vulnerability
Fix	CVE-2023-1370 CVE-2023-1436

Security	277315971
Issue	Latest Vulnerability in AGM (SP5)
Fix	CVE-2023-1370 CVE-2021-37533 CVE-2022-41946

Security	277318480
Issue	Fix Catalog Vulnerability in SP5
Fix	CVE-2023-20861 CVE-2022-1471

Security	280734643
Issue	Sky Sp5 : 3rd party security vulnerability (json-20211205.jar)
Fix	CVE-2022-45688

Security	281047950
Issue	Fix latest vulnerabilities in RM in SP5
Fix	CVE-2023-30535

Security	273281088
Issue	[SKY 10.0.5] Sudo
Fix	CESA-2023:0291

Security	273282456
Issue	[SKY 10.0.5] advisory - Bind and Bind *
Fix	CESA-2023:0402

Security	273283586
Issue	[SKY 10.0.5]: java-11-openjdk-headless
Fix	CESA-2023:0195

April 2023 HR Release

April 2023 Resolved issues

Fixed	221096191
Issue	Sky Appliance /tmp gets full while downloading logs, does not clean up
Fix	Added the cleanup logic in case the 'mv' command fails while backing up old connector logs. Also, returning a meaningful exception message.

Fixed	267609961
Issue	LiveClone fails if configured on non default pool and new disks added to backup image
Fix	When refreshing a LiveClone image on any pool other than the default pool, the snapshotpool entry in JobProfile points to the default pool. If a 'resize' is

Fixed	267609961
	triggered, the poolname present in 'JobProfile' is the default pool and the job fails. The Jobprofile snapshot pool now uses the poolname from the refreshobject.

Fixed	204221320
Issue	Upgrades or hotfix installations could fail with the error "Found 1 undead ifcfg files".
Fix	The upgrade will now detect and automatically correct the condition.

Fixed	272331713
Issue	Unable to backup SAP ASE database due to DB2 HOME getting the wrong value.
Fix	This was addressed with the workaround in the discovery script by getting the correct DB2 home from the process id with INSTHOME.

Fixed	272326927
Issue	After a mount and migration operation on an IBM Db2 database, the database is in an inactive state. You must manually start the database after every mount and migrate operation.
Fix	Restart of the database has been automated.

Fixed	263254190
Issue	After an incremental Linux OS upgrade, in some cases symlink changes are not reflected in incremental backups and system state recovery jobs fai.
Fix	Smartcopy can now recognize and handle all cases of symlink changes.

Fixed	274769849

Issue	[Sky appliance only] If you ssh in as root to a Sky appliance and type a command longer than the width of the window, the line wraps early, and the cursor moves to the first column but does not scroll to the next line.
Fix	This has been fixed.

Fixed	261553091
Issue	Oracle remount operation fails due to undo tablespace issue.
Fix	This has been fixed.

Fixed	252504955
Issue	System state backup failing with error 5092, unable to delete the BTRFS snapshot.
Fix	Added a check for the existence of the directory before deleting it.

Fixed	272333865
Issue	Oracle child backup fails with error `Oracle: Failed to backup parameter file` due to pfile backup failure when spfile is not used to start a database.
Fix	This has been fixed.

April 2023 Fixed Issues for Pre-Acquisition Actifio Deployments

These issues are only relevant for the handful of customers that have not yet migrated to Google consumption-based billing.

Fixed	267975999
Issue	(CDX only) Logjobs for certain Oracle apps on CDX are running full with preformatted string set to false
Fix	Fixed time conversion issue.

April 2023 Fixed Security Vulnerabilities

Security	272425245
Issue	Vulnerabilities in Sky appliances
Fix	CVE-2022-1471

Security	273685565
Issue	Report Manager
Fix	CVE-2023-24998 CVE-2021-28490 WS-2017-3805 CVE-2021-23926 CVE-2022-41946

Security	273282030
Issue	Actifio Global Manager (AGM)
Fix	CVE-2022-1471 CVE-2022-42003 CVE-2022-4065 CVE-2022-45143

Security	271076284
Issue	Resiliency Director (RD)
Fix	CVE-2022-45685 CVE-2023-24998

Security	271076284

OS Security Vulnerabilities for RD	CentOS: Security Advisory for ppp (CESA-2020:0630) 9.8 (High) CentOS: Security Advisory for bpftool (CESA-2020:0375) 9.8 (High) CentOS: Security Advisory for bpftool (CESA-2020:0374) 9.8 (High) CentOS Update for bpftool CESA-2019:3055 centos7 8.8 (High) CentOS: Security Advisory for iwl1000-firmware (CESA-2021:0339) 8.8 (High) CentOS: Security Advisory for bpftool (CESA-2020:0839) 8.8 (High) CentOS Update for bpftool CESA-2019:3979 centos7 8.8 (High) CentOS Update for bpftool CESA-2019:2600 centos7 8.3 (High) CentOS: Security Advisory for bpftool (CESA-2021:4777) 7.8 (High) CentOS Update for bpftool CESA-2019:2829 centos7 7.8 (High) CentOS Update for bpftool CESA-2019:3872 centos7 7.8 (High) CentOS: Security Advisory for bpftool (CESA-2021:0856) 7.8 (High) CentOS: Security Advisory for bpftool (CESA-2021:1071) 7.8 (High) CentOS: Security Advisory for bpftool (CESA-2021:2314) 7.8 (High) CentOS: Security Advisory for bpftool (CESA-2021:2725) 7.8 (High) CentOS: Security Advisory for bpftool (CESA-2021:3801) 7.8 (High) CentOS: Security Advisory for wpa_supplicant (CESA-2021:0808) 7.5 (High) CentOS: Security Advisory for bpftool (CESA-2020:5437) 7.2 (High) CentOS: Security Advisory for bpftool (CESA-2020:3220) 6.8 (Medium) CentOS: Security Advisory for bpftool (CESA-2021:3327) 6.7 (Medium) CentOS: Security Advisory for bpftool (CESA-2020:5023) 6.6 (Medium) CentOS: Security Advisory for bind (CESA-2021:3325) 6.5 (Medium) CentOS: Security Advisory for krb5-devel (CESA-2021:4788) 6.5 (Medium) CentOS Update for bpftool CESA-2019:3834 centos7 6.5 (Medium) CentOS: Security Advisory for glibc (CESA-2021:0348) 5.9 (Medium) CentOS Update for tcpdump CESA-2019:3976 centos7 5.5 (Medium) CentOS: Security Advisory for dbus (CESA-2020:2894) 5.5 (Medium) CentOS: Security Advisory for bpftool (CESA-2020:2664) 5.3 (Medium) CentOS: Security Advisory for bpftool (CESA-2021:3438)